

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A method of transmitting data frames over a data network, comprising ~~a step of~~ transmitting a plural number of MAC (Media Access Control) data frames, each MAC data frame including a header, a data field, and a frame check sequence (FCS), with only a single PLCP (Physical Layer Control Procedure) overhead.
2. (Original) The method of claim 1, wherein said PLCP overhead comprises a PLCP preamble and a PLCP header.
3. (Currently amended) The method of claim 2, ~~wherein said MAC data frames comprise also including transmitting~~ a concatenated MAC header indicating said plural number with the single PLCP.
4. (Original) The method of claim 3, wherein said concatenated MAC header further indicates a length of said plurality of MAC data frames.
5. (Currently amended) The method of claim 4, ~~further comprising a step of including~~ inserting said PLCP preamble after transmission of some of said plurality of MAC data frames.
6. (Original) The method of claim 4, wherein said PLCP overhead is sent with a first one of said plurality of MAC data frames.

7. (Currently amended) The method of claim 2, wherein ~~each of said plurality of MAC data frames comprises the header, data field, and frame check sequence correspond to a MAC header portion, a MAC frame body portion, and a CRC (Cyclic Redundancy Check) portion, respectively.~~

8. (Original) The method of claim 7, wherein said plurality of MAC data frames are addressed to a common destination, said concatenated MAC header further indicates said destination, and said MAC header portion in each data frame is a compressed MAC header that does not include a portion indicating said destination.

9. (Original) The method of claim 1, wherein said data network is a wireless data network.

10. (Original) The method of claim 9, wherein said wireless data network uses IEEE 802.11 protocol.

11. (Currently amended) A frame structure of packet data for transmission over a data network, comprising:

a plural number of MAC (Media Access Control) data frames;
and

a PLCP (Physical Layer Control Procedure) overhead including a PLCP preamble and a PLCP header,

wherein each MAC data frame includes a header, a data field, and a frame check sequence (FCS), and only a single one of said PLCP overhead is provided to all said the plurality of MAC data frames.

12. (Original) The frame structure of claim 11, wherein said single PLCP overhead is provided in front of a first one of said plurality of MAC data frames.

13. (Currently amended) The frame structure of claim 12, including wherein said MAC data frames comprise a concatenated MAC frame header indicating said plural number.
14. (Original) The frame structure of claim 13 wherein said concatenated MAC header further indicates a length of said plurality of MAC data frames.
15. (Original) The frame structure of claim 14 wherein said concatenated MAC header is located between said PLCP overhead and said first one of said plurality of MAC data frames.
16. (Currently amended) The frame structure of claim 12 wherein each of said plurality of MAC data frames comprises the header, data field, and frame check sequence correspond to a MAC header portion, a MAC frame body portion, and a CRC (Cyclic Redundancy Check) portion, respectively.
17. (Original) The frame structure of claim 16 wherein said concatenated MAC header indicates a common destination of said plurality of MAC data frames, and said MAC header portion in each of said data frames is a compressed MAC header that does not include a portion indicating said common destination.
18. (Original) The frame structure of claim 17 wherein said data network is a wireless data network.
19. (Original) The frame structure of claim 18 wherein said wireless data network uses IEEE 802.11 protocol.
20. (New) The frame structure of claim 12, wherein the PLCP overhead includes a PLCP preamble.